

CLAIMS

What is claimed is:

1. A polycarbonate resin composition provides with a high light reflectance comprising the following elements:

5 a base material comprising from 50 to 99 % by weight of a polycarbonate resin and from 1 to 50 % by weight of a titania (TiO₂), wherein one hundred parts by weight of said base material is using as a calculating base;

0.5 to 50 parts by weight of a brightness improver; and

10 0.05 to 0.5 part by weight of a stabilizer.

2. The polycarbonate resin composition provides with a high light reflectance according to claim 1, wherein said brightness improver is 2-(4-(2-(4-(2-benzoxazolyl) phenyl) ethenyl)-phenyl)-5-methyl
15 benzoxazole.

3. The polycarbonate resin composition provides with a high light reflectance according to claim 1, wherein said stabilizer is 3-(3', 5'-Di-t-butyl-4'-hydroxy-phenyl) propionyl dihydrazide.

20 4. The said polycarbonate resin composition provides with a high light reflectance according to claim 1, wherein a molecular weight of said polycarbonate resin is about 17,000 to 28,000.

25 5. The said polycarbonate resin composition provides with a high light reflectance according to claim 1, further comprises a plastic anti-oxidant.

6. The said polycarbonate resin composition provides with a high light reflectance according to claim 1, further comprises dyes.

30 7. The said polycarbonate resin composition provides with a high light reflectance according to claim 1, wherein said base material further comprises a high-density polyethylene.